



KZI-002US

SEQUENCE LISTING

<110> DEPERTHES, David
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MACH, Jean-Pierre
HOLLER, Nils
FATTAH, Omar

<120> PEPTABODY FOR CANCER TREATMENT

<130> KZI-002US

<140> 10/551977

<141> 2005-10-04

<150> PCT/IB2004/001049

<151> 2004-04-05

<150> US 60/460,490

<151> 2003-04-04

<160> 30

<170> PatentIn version 3.1

<210> 1

<211> 417

<212> DNA

<213> Artificial sequence

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<223> DNA Sequence Peptabody EGF: MDP01

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cgtcagctgg	ttcgtgaaat	caccttcctg	aaaaacaccg	ttatggaatg	cgacgcttgc	180
ggtatgcagc	agactagtcc	gcctactccg	ccaactccgt	ctccgtctac	tccgccaaact	240
ccgtctccga	gatccaattc	tgactctgaa	tgcccattgt	ctcacgacgg	ttactgcttg	300
cacgacggtg	tttgcattga	catcgaagct	ctggacaaat	acgcttgcaa	ctgcgttggt	360
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Asp	Leu	Gly	Pro	Gln	Met	Leu	Arg	Glu	Leu	Gln	Glu	Thr	Asn	Ala
			20					25					30	

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Leu Gln Asp Val Arg Asp Tyr Leu Arg Gln Leu Val Arg Glu Ile Thr
  35          40          45
Phe Leu Lys Asn Thr Val Met Glu Cys Asp Ala Cys Gly Met Gln Gln
  50          55          60
Thr Ser Pro Pro Thr Pro Pro Thr Pro Ser Pro Ser Thr Pro Pro Thr
  65          70          75          80
Pro Ser Pro Arg Ser Asn Ser Asp Ser Glu Cys Pro Leu Ser His Asp
      85          90          95
Gly Tyr Cys Leu His Asp Gly Val Cys Met Tyr Ile Glu Ala Leu Asp
      100          105          110
Lys Tyr Ala Cys Asn Cys Val Val Gly Tyr Ile Gly Glu Arg Cys Gln
      115          120          125
Tyr Arg Asp Leu Lys Trp Trp Glu Leu Arg
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cgtcagctgg ttcgtgaaat caccttcctg aaaaacaccg ttatggaatg cgacgcttgc      180
ggtatgcagc agactagtcc gcctactccg ccaactccgt ctccgtctac tccgccaact      240
ccgtctccga gatctgaaaa cttttccggc ggctgcgtgg cgggctatat gcgtaccccc      300
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      20          25          30
Leu Gln Asp Val Arg Asp Tyr Leu Arg Gln Leu Val Arg Glu Ile Thr
      35          40          45
Phe Leu Lys Asn Thr Val Met Glu Cys Asp Ala Cys Gly Met Gln Gln
      50          55          60
Thr Ser Pro Pro Thr Pro Pro Thr Pro Ser Pro Ser Thr Pro Pro Thr
      65          70          75          80
Pro Ser Pro Arg Ser Glu Asn Phe Ser Gly Gly Cys Val Ala Gly Tyr

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Met	Arg	Thr	Pro	Asp	Gly	Arg	Cys	Lys	Pro	Thr	Phe	Tyr	Gln	
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<400> 5
 Tyr Ser Phe Glu
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 Tyr Ser Phe Glu Asp Leu
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<210> 7
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 Tyr Ser Phe Glu Asp Leu Tyr
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<212> PRT

<213> Pseudoplusia includens

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<213> Spodoptera litura

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10

15

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25

<210> 12

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15

Gly Arg Cys Lys Pro Thr Phe

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<210> 13

<211> 23

<212> PRT

<213> Spodoptera eridania

<400> 13

Glu Asn Phe Ala Gly Gly Cys Ala Thr Gly Tyr Leu Arg Thr Ala Asp

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5

10

15

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<210> 14

<211> 23

<212> PRT

<213> Manduca sexta

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 Gly Arg Cys Lys Pro Thr Phe
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<210> 15

<211> 23

<212> PRT

<213> Manduca sexta

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Glu Asn Phe Ala Gly Gly Cys Ala Thr Gly Phe Leu Arg Thr Ala Asp
 1 5 10 15
 Gly Arg Cys Lys Pro Thr Phe
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<210> 16

<211> 23

<212> PRT

<213> Heliothis virescens

<400> 16

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 1 5 10 15
 Gly Arg Cys Lys Pro Thr Tyr
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<210> 17

<211> 23

<212> PRT

<213> Heliothis virescens

<400> 17

Glu Asn Phe Ala Gly Gly Cys Ile Pro Gly Tyr Met Arg Thr Ala Asp
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 Gly Arg Cys Lys Pro Thr Tyr
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<210> 18

<211> 24

<212> PRT

<213> Trichoplusia ni

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Glu Asn Phe Ser Gly Gly Cys Leu Ala Gly Tyr Met Arg Thr Ala Asp
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 Gly Arg Cys Lys Pro Thr Phe Gly
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<210> 19

<211> 23

<212> PRT

<213> Trichoplusia ni

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Gly Arg Cys Lys Pro Thr Phe			
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<210> 20
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 <213> *Antheraea yamamai*

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Gly Arg Cys Lys Pro Thr Phe			
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Gly Arg Cys Lys Pro Thr Phe			
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<210> 22
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 <213> *Spodoptera eridania*

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Gly Arg Cys Lys Ala Thr Phe			
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Gly Arg Cys Lys Pro Thr Phe			
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 <213> *Spodoptera eridania*

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 Phe His Gly Thr Cys Arg Phe Leu Val Gln Glu Asp Lys Pro Ala Cys
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 Val Cys His Ser Gly Tyr Val Gly Ala Arg Cys Glu His Ala Asp Leu
 35 40 45
 Leu Ala
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<210> 26
 <211> 84
 <212> PRT
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 Ser Glu Asn Thr Ser Asp Lys Pro Lys Arg Lys Lys Lys Gly Gly Lys
 20 25 30
 Asn Gly Lys Asn Arg Arg Asn Arg Lys Lys Lys Asn Pro Cys Asn Ala
 35 40 45
 Glu Phe Gln Asn Phe Cys Ile His Gly Glu Cys Lys Tyr Ile Glu His
 50 55 60
 Leu Glu Ala Val Thr Cys Lys Cys Gln Gln Glu Tyr Phe Gly Glu Arg
 65 70 75 80
 Cys Gly Glu Lys

<210> 27
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 20 25 30
 Lys Lys Lys Gly Lys Gly Leu Gly Lys Lys Arg Asp Pro Cys Leu Arg
 35 40 45
 Lys Tyr Lys Asp Phe Cys Ile His Gly Glu Cys Lys Tyr Val Lys Glu
 50 55 60
 Leu Arg Ala Pro Ser Cys Ile Cys His Pro Gly Tyr His Gly Glu Arg
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 Cys His Gly Leu Ser Leu
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<212> PRT

<213> Homo sapiens

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Asp	Pro	Glu	Glu	Asn	Cys	Ala	Ala	Thr	Thr	Gln	Ser	Lys	Arg	Lys	
		20						25				30			
Gly	His	Phe	Ser	Arg	Cys	Pro	Lys	Gln	Tyr	Lys	His	Tyr	Cys	Ile	Lys
		35					40					45			
Gly	Arg	Cys	Arg	Phe	Val	Val	Ala	Glu	Gln	Thr	Pro	Ser	Cys	Val	Cys
	50					55					60				
Asp	Glu	Gly	Tyr	Ile	Gly	Ala	Arg	Cys	Glu	Arg	Val	Asp	Leu	Phe	Tyr
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<210> 29

<211> 50

<212> PRT

<213> Homo sapiens

<400> 29

Arg	Lys	Gly	His	Phe	Ser	Arg	Cys	Pro	Lys	Gln	Tyr	Lys	His	Tyr	Cys
1				5					10					15	
Ile	Lys	Gly	Arg	Cys	Arg	Phe	Val	Val	Ala	Glu	Gln	Thr	Pro	Ser	Cys
		20						25					30		
Val	Cys	Asp	Glu	Gly	Tyr	Ile	Gly	Ala	Arg	Cys	Glu	Arg	Val	Asp	Leu
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Phe	Tyr														
	50														

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<213> Artificial sequence

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